Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 08 Dec 2023 until 23:59 on Saturday 09 Dec 2023

Forecast Issued on Friday 08 Dec 2023 at 03:15

Confidence: High for unsettled conditions over the next few days. Medium for rain detail.

Headline for Friday 08 Dec 2023: A breezy day with occasional showers.

Mountain weather hazards on Friday 08 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain showers (night)	Light rain showers (night)
Precipitation probability					
20%	30%	60%	80%	60%	30%

Forecast for Friday 08 Dec 2023

Weather: Some drier, brighter spells in the morning, but largely cloudy with occasional showers spreading east during the afternoon and evening in the fresh southerly to south-westerly winds.

Chance of cloud-free hill tops above 600m: 30%, becoming 60%.

Low cloud and visibility: Extensive cloud, bases around 600m, occasional or patches to 300m initially, tending to become more broken into the day and rising somewhat outside of showers. Visibility generally fair but moderate in showers and locally very poor at height.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 08 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/32 SW	23/31 SW	25/33 SW	26/35 SW	27/37 SW	26/36 SW	28/38 SW
300	17/27 S	18/27 S	19/28 S	19/29 SW	20/31 SW	20/30 SW	20/31 SW
Valley	9/25 S	10/25 S	12/27 S	13/28 SW	13/29 SW	13/29 S	13/29 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	4/-1	4/-1	4/-2	4/-2	4/-2	4/-3
300	7/2	6/2	7/3	7/2	6/1	6/1	6/1
Valley	6/4	6/4	7/4	7/4	6/3	7/3	6/3
Freezing Level*	1300m	1400m	1300m	1300m	1300m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties possible at height due to low cloud.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 08 Dec 2023	12.6mm	13.2mm	17.6mm

Forecast for Saturday 09 Dec 2023

Weather: Generally dry overnight but heavy and persistent rain spreading north and east into the morning. Likely turning drier and brighter for a time into the afternoon. However this likely short lived with further rain into the evening and conditions becoming very windy, particularly at height.

Maximum wind: Increasing Westerly 40-45mph gusting 60-65mph into the afternoon.

Chance of cloud-free hill tops above 600m: 20%, though perhaps 50% for a time in the afternoon.

Low cloud and visibility: Extensive cloud, base around 600m, occasional or patches to 300m, perhaps lifting and breaking near or above the summits for a time in the afternoon. Visibility moderate to very poor in persistent rain.

Temperature: **Valleys:** Plus 5 to 10 Celsius
At 600m: Plus 4 to 6 Celsius
Freezing level: Above the summits

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